EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	104	(elke with zakel).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 15:39
L2	84	(elke with zakel).in. and (wafer substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 15:39
L3	5	(elke with zakel).in. and (wafer substrate) and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 15:40
L4	10	("5591941" | "5640051" | "5672542" | "5764485" | "5773884" | "5808874").PN. OR ("6043985").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 15:41
L5	88	(ghassem with azdasht).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 15:41
L6	13	(ghassem with azdasht).in. and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 15:41
S1	68034	wafer with contact$3 or bond $3 with diode with laser	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/10/22 15:56
S2	257	wafer with (contact$3 or bond $3) with diode with laser	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/10/22 15:56
S3	0	wafer with (contact$3 or bond $3) with diode with laser with ring	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/10/22 15:56

S4	7	wafer with (contact$3 or bond$3) with diode with laser same metallization	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/10/22 15:57
S5	21	wafer with (contact$3 or bond$3) with diode with laser same sensor	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/10/22 15:58
S6	19	wafer with (contact$3 or bond$3) with component with radiation	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/10/22 16:00
S7	0	("2007/0272991").URPN.	USPAT	OR	ON	2008/10/22 16:01
S8	1063	438/455.ccls.	USPAT	OR	ON	2008/10/22 16:08
S9	38	438/455.ccls. and (wafer with (contact$3 or bonding) with component)	USPAT	OR	ON	2008/10/22 16:09
S10	23	("4826787" | "5048744" | "5262347" | "5882992").PN. OR ("6118181").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:14
S11	26	("3967162" | "4116517" | "4769272" | "4857668" | "5142101" | "5262347" | "5397857" | "5474458" | "5508228" | "5835142" | "5854514" | "5938452" | "6005292" | "6046410" | "6090687" | "6092280" | "6096413" | "6118181" | "6249051" | "6266872" | "6358063" | "6365500" | "6451374" | "6580159" | "6713314" | "7005573").PN. OR ("7294919").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:21
S12	4	("5481082" or "5500540" "6062461" "20020115234").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:44
S13	2035	wafer with (contact$3 bond$3) with laser	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:22
S14	33	wafer with (contact$3 bond$3) with laser with metallization	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:22

S15	2890	257/414.ccls. or 438/455.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:25
S16	1094	257/414.ccls. or 438/455.ccls. and (wafter with laser)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:25
S17	1094	257/414.ccls. or 438/455.ccls. and (wafter with laser with contact)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:25
S18	1094	257/414.ccls. or 438/455.ccls. and (wafter with laser with metal$8)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:26
S19	1094	257/414.ccls. or 438/455.ccls. and (wafter with laser with radiation)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:26
S20	1094	257/414.ccls. or 438/455.ccls. and (wafter with laser with radiation) not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:29
S21	0	(257/414.ccls. or 438/455. ccls.)and (wafter with laser with radiation) not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:29
S22	0	(257/414.ccls. or 438/455. ccls.) and (wafter with laser with radiation) not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:29
S23	0	("2007/0272991").URPN.	USPAT	OR	ON	2008/11/25 09:06
S24	31	("4489478" | "4612083" | "4931405" | "4956693" | "5283454" | "5355022" | "5412231" | "5453394" | "5619052" | "5622886" | "5744866" | "5755914" | "5783850" | "5856229" | "5863832" | "5877070" | "5966620" | "6057212" | "6110529" | "6118181" | "6136666" | "6150031" | "6183857" | "6312797" | "6313012").PN. OR ("6744116").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:07

S25	84	("3777281" | "4558346" | "4769272" | "5156322" | "5361967" | "5490628" | "5547093" | "5573171" | "5577656" | "5831162").PN. OR ("6062461").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:14
S26	164	("4400868" | "4552607").PN. OR ("4612083").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:20
S27	4007	(wafer or substrate) with (contact$3 or bond$3) with laser not @pd>"20030203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:26
S28	578	(wafer or substrate) with (contact$3 or bond$3) with laser with (metal or metallization) not @pd>"20030203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:26
S29	89	(wafer or substrate) with (contact$3 or bond$3) with laser with (metal or metallization) same diode not @pd>"20030203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:26
S30	43	(wafer or substrate) with (contact$3 or bond$3) with laser with (metal or metallization) same radiat$3 not @pd>"20030203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:29
S31	186	((wafer or substrate) with (contact$3 or bond$3) with laser with (metal or metallization)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:35
S32	7	((wafer or substrate) with (contact$3 or bond$3) with laser with (metal or metallization) with radiation).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:35
S33	1	(wafer with components with contact with laser with radiation).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:36
S34	3	(wafer with components with contact with laser).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:36
S35	13	("20040232500" | "5229647" | "5355022" | "5545912" | "5929497" | "5939633" | "6118181" | "6236115" | "6239495" | "6323550" | "6448109" | "6505511" | "6744127").PN. OR ("7034393").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:44
S36	22	("3237272" | "3295089" | "3657611" | "3761783" | "4005454" | "4067104" | "4204628").PN. OR ("4257156").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:51

S37	4882	(wafer substrate) with (contact$3 or bond$3) with laser not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:53
S38	577	(wafer substrate) with (contact$3 or bond$3) with laser near3 diode not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:54
S39	140	(wafer substrate) with (contact$3 or bond$3) with laser near3 radiation not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:54
S40	40	azdasht-ghassem.in.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 09:59
S41	15	("4119260" | "4906812" | "4970365" | "4978385" | "5055652" | "5250469" | "5341979" | "5354392" | "5360426" | "5847356" | "6323058").PN. OR ("6478906").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:02
S42	39	("4764804" | "4957882" | "4997791" | "5071787").PN. OR ("5250469").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:08
S43	50	zakel-elke.in.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:12
S44	6	("3765938" | "3869787" | "4340167" | "5075253").PN. OR ("5976302").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:12
S45	4	("5861323" | "5895229" | "5977512" | "6181569").PN. OR ("6955943").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:14
S46	15	("4119260" | "4906812" | "4970365" | "4978385" | "5055652" | "5250469" | "5341979" | "5354392" | "5360426" | "5847356" | "6323058").PN. OR ("6478906").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:15
S47	0	438/455.ccls. same wafer	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:19
S48	1442	438/455.ccls. and wafer	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:19
S49	134	438/455.ccls. and (wafer with laser)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:19
S50	49	438/455.ccls. and (wafer with laser) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:19
S51	3	("4811062").PN. OR ("6479371").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:24

S52	97	("3407479" | "3457123" | "3471754" | "3689357" | "4051354" | "4292093" | "4305640" | "4604162" | "4663831" | "4673962" | "4761768" | "4766569" | "4920396" | "4948937" | "4962879" | "4987089" | "5001526" | "5017504" | "5021355" | "5028977" | "5097291" | "5102817" | "5110752" | "5156987" | "5177028" | "5202278" | "5208657" | "5223081" | "5234535" | "5266514" | "5320880" | "5327380" | "5376575" | "5391911" | "5392245" | "5393704" | "5396093" | "5410169" | "5414287" | "5416041" | "5421953" | "5422499" | "5438009" | "5440158" | "5441591" | "5445986" | "5455445" | "5460316" | "5460988" | "5466625" | "5483094" | "5483487" | "5492853" | "5495441" | "5497017" | "5504357" | "5508219" | "5508542" | "5528062" | "5593912" | "5616934" | "5640342" | "5644540" | "5646900" | "5691230" | "5710057" | "6027960" | "6093623").PN. OR ("6423613").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:26
S53	6	("3765938" | "3869787" | "4340167" | "5075253").PN. OR ("5976302").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 10:27
S54	0	("2007/0272991").URPN.	USPAT	OR	ON	2008/11/25 10:29
S55	682	laser near1 diode with heat with (wafer substrate)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 15:41
S56	238	laser near1 diode with (heat thermal) with (wafer substrate) with (contact$3 bond$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 15:41
S57	5	laser near1 diode with (heat thermal) with (wafer substrate) with (contact$3 bond$3) same arrangement	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 15:41

S58	88	laser near1 diode with (heat thermal) with (wafer substrate) with (contact$3 bond$3) not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 15:43
S59	1	laser near1 diode with (heat thermal) with (wafer substrate) same matrix	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 15:47
S60	7	(laser near1 diode) with (wafer substrate) same matrix same arrangement	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 15:48
S61	256	438/455.ccls. and laser and emit$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 15:49
S62	102	438/455.ccls. and laser and emit$4 and radiat$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 15:49
S63	32	438/455.ccls. and laser and emit$4 and radiat$3 not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 15:54
S64	19	("20020062787" | "4375018" | "4729640" | "4732599" | "4824073" | "4911968" | "5146671" | "5340978" | "5629787" | "5677749" | "5751492" | "5886971" | "5981945" | "6059188" | "6122009" | "6304243" | "6613443" | "6627814").PN. OR ("6893941").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 15:55
S65	19	("20020062787" | "4375018" | "4729640" | "4732599" | "4824073" | "4911968" | "5146671" | "5340978" | "5629787" | "5677749" | "5751492" | "5886971" | "5981945" | "6059188" | "6122009" | "6304243" | "6613443" | "6627814").PN. OR ("6893941").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:43

S66	29	("20020036055" | "20020149296" | "4233477" | "4237399" | "4670682" | "4991283" | "5248912" | "5430344" | "5486494" | "5585136" | "5691593" | "5869189" | "5950291" | "6071795" | "6262516" | "6335263" | "6370964" | "6408513" | "6476540" | "6645830" | "6666943" | "6715192" | "6771007").PN. OR ("7118990").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:45
S67	6	("20020096994" | "20030087476" | "4808983" | "5459081").PN. OR ("7169652").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:47
S68	1	"7157352".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:49
S69	97	("3407479" | "3457123" | "3471754" | "3689357" | "4051354" | "4292093" | "4305640" | "4604162" | "4663831" | "4673962" | "4761768" | "4766569" | "4920396" | "4948937" | "4962879" | "4987089" | "5001526" | "5017504" | "5021355" | "5028977" | "5097291" | "5102817" | "5110752" | "5156987" | "5177028" | "5202278" | "5208657" | "5223081" | "5234535" | "5266514" | "5320880" | "5327380" | "5376575" | "5391911" | "5392245" | "5393704" | "5396093" | "5410169" | "5414287" | "5416041" | "5421953" | "5422499" | "5438009" | "5440158" | "5441591" | "5445986" | "5455445" | "5460316" | "5460988" | "5466625" | "5483094" | "5483487" | "5492853" | "5495441" | "5497017" | "5504357" | "5508219" | "5508542" | "5528062" | "5593912" | "5616934" | "5640342" | "5644540" | "5646900" | "5691230" | "5710057" | "6027960" | "6093623").PN. OR ("6423613").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:51
S70	3	("4811062").PN. OR ("6479371").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:54

S71	39	("4764804" | "4957882" | "4997791" | "5071787").PN. OR ("5250469").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:55
S72	148	laser near3 treatment near2 diode	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:58
S73	2	(laser near3 treatment near2 diode) with activat$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:58
S74	0	(laser near3 treatment near2 diode) same arrangment	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:59
S75	62	(laser near3 treatment near2 diode) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 16:59
S76	0	(laser near3 treatment with diode) same matrix not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 17:02
S77	11	(laser near3 treatment with diode) and matrix not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/25 17:02
S78	473	(laser near3 diode) with activat$3 with emit$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 07:55
S79	17	(laser near3 diode) with activat$3 with emit$4 same treatment	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 07:55
S80	39	("4764804" | "4957882" | "4997791" | "5071787").PN. OR ("5250469").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:00
S81	236	(laser near3 diode) with activat$3 with emit$4 not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:03
S82	4	"438".clas. and (laser near3 diode) with activat$3 with emit$4 not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:05
S83	39	(laser near3 diode) with activat$3 with (individual or group) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:07
S84	2	(laser near3 diode) with activat$3 with (individual or group) same (heat or thermal) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:08
S85	10898	laser with treatment not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:09
S86	283	laser with treatment with diode not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:09
S87	1	laser with treatment with diode with activate not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:10
S88	2	("5936986" | "6044095").PN. OR ("6385221").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:12
S89	1	laser with diode with arrangment	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:17
S90	0	diode near2 laser near2 treatment near3 arrangement	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:18

S91	121	diode near2 laser near2 treatment	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:18
S92	3	diode near2 laser near2 treatment same (wafter substrate)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:18
S93	849	laser with radiation with diode same (wafter substrate)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:20
S94	412	laser with radiation with diode same (wafter substrate) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:20
S95	6	laser with radiation with diode same activat$3 same (wafter substrate) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:20
S96	11	("3463898" | "4357072" | "4854667" | "4946246" | "4970365" | "5178723" | "5421506").PN. OR ("5938951").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:21
S97	412	laser with radiation with diode same (wafter substrate) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:22
S98	1	treatment with laser with radiation with diode same (wafter substrate) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:22
S99	1075	257/414.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:23
S100	239	257/414.ccls. and laser	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:23
S101	77	257/414.ccls. and laser not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:23
S102	22	("3791863" | "3900940" | "4353957" | "4412377" | "4483751" | "4882455" | "5246782" | "5501744" | "5686172" | "5910336" | "5942048" | "6084176" | "6369934").PN. OR ("6653701").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:24
S103	283	laser with (ablaltion or treatment) with diode not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:25
S104	181	laser with (ablaltion or treatment) with diode and contact$3 not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:25
S105	35	("257" or "438").clas. and laser with (ablaltion or treatment) with diode and contact$3 not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:26

S106	40	("257" or "438").clas. and laser with (ablaltion or treatment) with diode not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:27
S107	23	("5247533" | "5272108" | "5290393" | "5306662" | "5389571").PN. OR ("5496766").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:27
S108	28	("5141894" | "5496766" | "5598014" | "5689123" | "5932896").PN. OR ("6113685").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:29
S109	31	("20020048905" | "20020078559" | "20020088985" | "20020113284" | "20020115265" | "20020137342" | "20030087476" | "5177405" | "5206749" | "5258320" | "5438241" | "5593917" | "5739800" | "5766695" | "5834327" | "5981977" | "6113685" | "6117704" | "6274518" | "6287891" | "6303405" | "6403985" | "6413838" | "6420242" | "6425971" | "6559905" | "6589814" | "6613610" | "6636185" | "6656819" | "6683416").PN. OR ("7233030").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:31
S110	1806	438/455.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:37
S111	23	438/455.ccls. and (diode with plurality)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 08:37
S112	1582	"laser radiation" with diode	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/26 08:59
S113	890	"laser radiation" with diode not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/26 08:59
S114	29	"laser radiation" with diode with plurality not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/11/26 08:59

S115	51	("2379790" | "2403685" | "2758510" | "2869010" | "3245002" | "3248670" | "3283207" | "3284722" | "3289101" | "3300671" | "3303432" | "3349174" | "3359507" | "3359509" | "3361988" | "3396344" | "3417246" | "3429733" | "3431437" | "3431512").PN. OR ("3614661").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 09:05
S116	3812	(diode with (linear or parallel) with plurality) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 09:09
S117	1061	(diode with (linear or parallel) with plurality) and (substrate wafer) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 09:09
S118	0	(diode with (linear or parallel) with plurality) and albalation and (substrate wafer) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 09:09
S119	632	(diode with (linear or parallel) with plurality) and light and (substrate wafer) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 09:09
S120	38	(diode with (linear or parallel) with plurality with arrangement) and light and (substrate wafer) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 09:11
S121	22	("3835414" | "4319839" | "4358659" | "4471415" | "4562350" | "4601452" | "4687165" | "4720168" | "4901325" | "4959761" | "4993801").PN. OR ("5617441").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 09:13
S122	27	(laser near2 array near2 diode) with equivalent not @pd>"20031203"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/26 10:31
S123	7	(laser near2 array near2 diode) with equivalent and Yag not @pd>"20031203"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/26 10:36
S124	4	"6611540" or "7016383"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 10:37
S125	1	"7456371"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 10:40

S126	6	438/487.ccls. and (laser near2 array) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 10:41
S127	14	438/487,455.ccls. and (laser near2 array) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 10:45
S128	194	(438/487,455.ccls. or "219". clas.)and (laser near2 array) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 10:46
S129	194	(438/487,455.ccls. or "219". clas.) and (laser near2 array) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 10:46
S130	11	("4341569" | "5013670" | "5358925" | "5366926" | "5407845").PN. OR ("5821135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 10:48
S131	49	laser near2 welding near4 semiconductor not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 10:54
S132	19494	laser near2 beam near2 (radiat$3 or irradiat$3) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 11:02
S133	122	laser near2 beam near2 (radiat$3 or irradiat$3) same diode same (thermal heat$3 anneal$3) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 11:03
S134	9	("4821051" | "5032960" | "5191481" | "5271079").PN. OR ("5412509").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 11:07
S135	56	("20020048864" | "20030003636" | "20030119286" | "20030203656" | "20070202668" | "4020319" | "4069080" | "4174476" | "4234356" | "4576436" | "4659422" | "4925273" | "5048946" | "5219786" | "5325381" | "5422758" | "5515194" | "5517768" | "5612251" | "5767003" | "5798867" | "5854803" | "5897799" | "5900980" | "5910262" | "5923966" | "5948291" | "5952058" | "6020045" | "6038075" | "6080643" | "6087625" | "6091047" | "6117752" | "6171890" | "6210996" | "6229639" | "6242291" | "6266167" | "6300176" | "6322625" | "6426245" | "6468842" | "6548370" | "6555449" | "6599788" | "6632711" | "6657154" |	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 11:08

		"6730550" | "6753212" | "6835675" | "6927109" | "6974731" | "7029996" | "7179698" | "7319056").PN. OR ("7456371").URPN.				
S136	1300	semiconductor near2 laser near2 diode with beam not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 11:20
S137	2359310	semiconductor near2 laser near2 diode with beam same yagnot @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 11:20
S138	31	semiconductor near2 laser near2 diode with beam same yag not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 11:20
S139	4	(laser near2 diode) with mov $3 same parallel same substrate not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:03
S140	17	("4318058" | "4884015" | "5343546" | "5511140" | "5537504" | "5546487" | "5579422" | "5602955" | "5610395" | "5611008").PN. OR ("5870517").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:04
S141	2	(laser near2 diode near2 array) with mov$3 same parallel not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:05
S142	92	(laser near2 diode near2 array) with mov$3 and (wafer substrate) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:06
S143	535	(laser near2 diode near2 array) same (wafer substrate) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:09
S144	46	(laser near2 diode near2 array) same (wafer substrate) same (mov$3 shift$3) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:09
S145	10	(laser near2 diode near2 array) same beam same parallel same mov$3 not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:12
S146	22	(yag with laser) with semiconductor with mov$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:13

S147	85	("3848104" | "4046618" | "4059461" | "4083272" | "4160263" | "4234358" | "4249960" | "4309225" | "4328553" | "4341569" | "4370175" | "4385937" | "4439245" | "4463028" | "4468551" | "4469551" | "4545823" | "4722879" | "4724466" | "4727044" | "4734550" | "4764485" | "4803528" | "4805000" | "4835704" | "4862227" | "4876582" | "4885260" | "4937618" | "4943837" | "4956539" | "4970366" | "5004889" | "5122223" | "5141885" | "5145808" | "5217921" | "5219786" | "5221365" | "5231297" | "5241211" | "5252502" | "5264072" | "5272355" | "5288684" | "5289030" | "5304357" | "5308998" | "5313076" | "5348897" | "5348903" | "5352291" | "5365875" | "5372089" | "5372836" | "5413958" | "5424244" | "5455430" | "5477073" | "5533040" | "5545571" | "5561081" | "5578520" | "5612251" | "5622814" | "5643801" | "5648277" | "5696003" | "5712191" | "5756364" | "5849043" | "5858473" | "5891764" | "5897799" | "5962897" | "5968383" | "5977559" | "6002101" | "6031290" | "6080643" | "6087277" | "6204099" | "6358784" | "6586346" | "6784530").PN. OR ("7179726").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:17
S148	0	(yag with laser) with semiconductor with mov$3 same distance	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:47
S149	148	(yag with laser) same mov$3 same distance	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:48
S150	92	(yag with laser) same mov$3 same distance not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:48
S151	476	(diode near2 laser) same mov $3 same distance not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:53

S152	0	(diode near2 laser near2 aray) same mov$3 same distance not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:53
S153	14	(diode near2 laser near2 array) same mov$3 same distance not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 13:53
S154	2	(wafer substrate) with frame with clamp$3 with laser not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 14:03
S155	10	("4412133" | "4724222" | "4742376" | "5142154" | "5152707" | "5227606" | "5374829" | "5471279").PN. OR ("5905566").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 14:07
S156	6	(wafer substrate) and (frame with clamp$3 with laser) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 14:08
S157	34	(wafer substrate) and (frame with clamp$3 with laser)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 14:10
S158	59	(wafer substrate) and (frame with (clamp$3 hold$3) with laser) and sensor	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 14:13
S159	28	(wafer substrate) same (frame with (clamp$3 hold$3) with laser) and sensor	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 14:13
S160	7	(wafer substrate) same pressure same (frame with (clamp$3 hold$3) same laser) and sensor	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 14:30
S161	12	("20020029639" | "20030217915" | "5483095" | "5895233" | "6229190" | "6335559" | "6346742" | "6521477").PN. OR ("6762072").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 14:34
S162	25	wafer with (laser near2 diode) with sens$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 09:18
S163	770	(laser near2 diode) with sens $3 with temperature	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 09:20
S164	153	(laser near2 diode) with sens $3 with temperature same beam	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 09:20
S165	91	(laser near2 diode) with sens $3 with temperature same beam not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 09:21
S166	12	("20020029639" | "20030217915" | "5483095" | "5895233" | "6229190" | "6335559" | "6346742" | "6521477").PN. OR ("6762072").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 09:27

S167	13	("20040135510" | "20050236161" | "4405875" | "4687264" | "5810332" | "5977668" | "6119920" | "6194250" | "6762072" | "6775958" | "6962834" | "6981806" | "7176555").PN. OR ("7241966").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 09:27
S168	10	("4412133" | "4724222" | "4742376" | "5142154" | "5152707" | "5227606" | "5374829" | "5471279").PN. OR ("5905566").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 09:28
S169	602103	YAG laser	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 09:35
S170	12	(YAG laser) with wafer with bonding with sensor	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 09:35
S171	6348	positioning with device with substrate	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 10:48
S172	257	positioning with device with substrate with bonding	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 10:49
S173	132	positioning with device with substrate with bonding not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 10:50
S174	2365447	positioning with device with substrate with bonding with alignmentnot @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 10:50
S175	17	positioning with device with substrate with bonding with alignment not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 10:50
S176	238	positioning with device with substrate with alignment not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 10:51
S177	4	("5481082" or "5500540" or "6062461" or "20020115234").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 15:02
S178	74	("4698662" | "4862231" | "5075253" | "5214845" | "5244818" | "5266794" | "5283447" | "5287001" | "5291064").PN. OR ("5500540").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 15:34
S179	36	laser near2 diode with sens$3 with transparent	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 16:18
S180	15	laser near2 diode with sens$3 with transparent not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 16:18
S181	294	position$3 with triaxial not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:10

S182	59	position$3 with (triaxial or biaxial) same pressure not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:10
S183	2	position$3 with plane with (triaxial or biaxial) same pressure not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:11
S184	63	plane with (triaxial or biaxial) same pressure not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:13
S185	9	plane with (triaxial or biaxial) same wafer not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:14
S186	8	(mov$3 or position$3) with (triaxial) same wafer not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:15
S187	362	(mov$3 or position$3) with (triaxial) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:17
S188	30	plane with (mov$3 or position$3) with (triaxial) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:17
S189	78	(triaxial) with (wafer substrate) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:19
S190	1313	257/727	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:25
S191	882	257/727.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:25
S192	696	257/727.ccls. not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:26
S193	100	257/727.ccls. and wafer not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:27
S194	0	257/727.ccls. and wafer and triaxial not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:27
S195	0	257/727.ccls. and triaxial not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:27
S196	0	257/727.ccls. and (biaxial triaxial) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:28
S197	245	257/727.ccls. and (wafer substrate) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:30
S198	86	257/727.ccls. and (wafer substrate) with (mov$3 or position$3) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:31
S199	12	257/727.ccls. and (wafer substrate) with (mov$3) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/01 17:33

S200	12	("20020029639" | "20030217915" | "5483095" | "5895233" | "6229190" | "6335559" | "6346742" | "6521477").PN. OR ("6762072").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:08
S201	7	("5243861" | "5837562" | "6400009" | "6762072" | "6777259").PN. OR ("6953993").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:10
S202	0	(rear near$2 contact) with sensore with cohesive	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:12
S203	0	(rear near$2 contact) with sensore with transparent	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:12
S204	1531	(rear near$2 contact) with sensor with transparent	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:13
S205	0	(rear near$2 contact) with sensor with transparent with cohesive	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:13
S206	65	(rear near$2 contact) with sensor with transparent and MEM	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:13
S207	14768	sensor with contact with through	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:16
S208	218	sensor with contact with through with transparent	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:17
S209	114	sensor with contact with through with transparent not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:17
S210	238	contact$3 with wafer with transparent not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:45
S211	1	contact$3 with wafer with transparent with solder not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:45
S212	16	contact$3 with wafer with transparent same sensor not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:46
S213	107	contact$3 with wafer with transparent and sensor not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 09:48
S214	39	contact$3 with wafer with transparent with (through hole) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 10:26
S215	34358	conduct$3 with adhesive not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:09
S216	34358	conduct$3 with adhesive not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:10
S217	8868	conduct$3 with adhesive with bond$3 not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:10

S218	325	conduct$3 with adhesive with (bond$3 contact$3) same wafer not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:11
S219	8	conduct$3 with adhesive with (bond$3 contact$3) same laser same wafer not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:12
S220	315	conduct$3 with adhesive with (bond$3 contact$3) same laser not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:13
S221	453	conduct$3 with absorpt$3 with laser not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:18
S222	87	conduct$3 with absorpt$3 with laser with material not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:18
S223	3913	conduct$3 near2 adhesive with contact$3 not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 11:26
S224	611	conduct$3 near2 adhesive with contact$3 and wafer not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 11:26
S225	111	conduct$3 near2 adhesive with contact$3 same wafer not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 11:26
S226	0	conduct$3 near2 adhesive with contact$3 with (laser near2 diode) same wafer not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 11:27
S227	2	conduct$3 near2 adhesive with contact$3 with (laser) same wafer not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 11:27
S228	31	conduct$3 near2 adhesive with contact$3 with laser not @pd>"20031203"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 11:36

S229	97	("4505799" | "4996587" | "5063177" | "5107328" | "5123850" | "5138434" | "5155067" | "5229647" | "5266912" | "5334857" | "5384689" | "5444296" | "5468999" | "5474957" | "5517125" | "5562971" | "5633530" | "5646828" | "5674785" | "5677566" | "5689091" | "5696033" | "5723900" | "5739585" | "5753857" | "5763939" | "5789803" | "5796038" | "5811579" | "6013948" | "6020629" | "6072323" | "6094058" | "6097087" | "6107109" | "6180881" | "6235554" | "6271056" | "6294837" | "6303981" | "6404044").PN. OR ("6501165").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:39
S230	1335	conduct$3 with absorbent with material not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 14:58
S231	33	adhes$3 with conduct$3 with absorbent with material not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 14:59
S232	197	adhes$3 with conduct$3 with absor$4 with material not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:00
S233	203	adhes$3 with conduct$3 with absor$4 with layer not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:00
S234	49	adhes$3 with conduct$3 with absor$4 with layer with (wafer substrate) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:01
S235	47	adhes$3 with conduct$3 with absor$4 with layer with (contact bump metal) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:03
S236	8	("5162087" | "5179460" | "5525838" | "5651179" | "5670826" | "6207550" | "6264785").PN. OR ("6569512").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:05
S237	28	adhes$3 with conduct$3 with (absor$4 near2 material) with layer not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:08
S238	453	adhes$3 with conduct$3 with ((absor$4 near2 material) chromium) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:10

S239	0	adhes$3 with conduct$3 with ((absor$4 near2 material) chromium) same (laser near2 diode) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:10
S240	35	adhes$3 with conduct$3 with ((absor$4 near2 material) chromium) same (transparent) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:10
S241	36	adhes$3 with conduct$3 with ((absor$4 near2 material) chromium) same (irradiation laser beam energery) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:14
S242	2378366	adhesion promoting layer	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:50
S243	2755	"adhesion promoting layer"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:50
S244	0	"adhesion promoting layer" with absoprtion	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:51
S245	94	"adhesion promoting layer" with absorpt$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:51
S246	25	"adhesion promoting layer" with absorpt$3 not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:51
S247	0	"adhesion promoting layer" with absorpt$3 with contact not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:51
S248	4	"adhesion promoting layer" with absorpt$3 with (contact metal) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:51
S249	307	"adhesion promoting layer" with (contact metal) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 17:00
S250	90	"adhesion promoting layer" with (contact) not @pd>"20031203"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 17:01
S251	34589	YAG adj laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:10
S252	29754	YAG adj laser	US-PGPUB; USPAT	OR	ON	2009/06/11 08:10
S253	3770	YAG adj laser with diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:10

S254	64	YAG adj laser with diode with arrange$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:10
S255	2	"5250469".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:12
S256	151036	laser with diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:16
S257	7278180	(contact$3 bond$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:16
S258	3140734	(wafer substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:16
S259	1736	S256 with S257 with S258	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:17
S260	8026967	(@ad>"20031203" @prad>"20031203" @rlad>"20031203")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:17
S261	530576	("257" "438").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:18
S262	376	S259 and S261 not S260	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:18

S263	4181756	(transparent glass clear)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:21
S264	204097	laser and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:21
S265	48970	S264 and S257 and S258 and S263	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:22
S266	178	S264 and S257 and S258 and S263 and S262	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:27
S267	178	S264 and S257 and S258 and S263 and S262 not S260	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:27
S268	35	("20020182839" | "5557115" | "5994205" | "6100104" | "6559075" | "6562701" | "6656820").PN. OR ("6818531").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 08:32
S269	15	("5376580").PN. OR ("6281032").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 08:35
S270	21	("6071795" | "6163557" | "6261929" | "6355497" | "6365428" | "6486042").PN. OR ("6617261").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 08:37
S271	6	"6762072"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 08:39
S272	69716	laser and diode and radiat$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:44
S273	6533	S272 and S257 and S258 and S263 and S261	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:46

S274	4698	S272 and (S257 with S258) and S263 and S261	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 08:47
S275	4208062	(transparent glass clear sapphire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:06
S276	151036	laser with diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:06
S277	6393213	(multiple plurality)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:06
S278	10470	S276 with S277	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:07
S279	3140734	(wafer substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:07
S280	7278180	(contact$3 bond$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:07
S281	631324	S279 with S280	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:08
S282	1844	S281 and S278	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:08

S283	184	S281 same S278	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:08
S284	8026967	(@ad>"20031203" @prad>"20031203" @rlad>"20031203")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:08
S285	112	S283 not S284	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:08
S286	26	S283 same S275 not S284	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:09
S287	15	("5376580").PN. OR ("6281032").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 09:11
S288	1373	S281 and S278 and S275	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:12
S289	823	S281 and S278 and S275 not S284	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:12
S290	462	S281 and S278 and S275 and radiat$3 not S284	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:17
S291	8602	laser adj treatment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:38
S292	129	laser adj treatment with diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:39

S293	0	laser adj treatment with diode with S275 with S279	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:39
S294	3	laser adj treatment with diode and (S275 with S279)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:39
S295	1575	438/455.ccls. and "257".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:43
S296	1	438/455.ccls. and "257".clas. and S292	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:45
S297	91	438/455.ccls. and "257".clas. and S276	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:45
S298	41	438/455.ccls. and "257".clas. and S276 not S284	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 09:45
S299	7	("20020146893" | "5126921" | "6372608" | "6410368" | "6521511" | "6645830").PN. OR ("6887770").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 09:56
S300	37	("5073230" | "5206749" | "5559043" | "5821138" | "6127199" | "6143582").PN. OR ("6645830").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 09:57
S301	37	("5073230" | "5206749" | "5559043" | "5821138" | "6127199" | "6143582").PN. OR ("6645830").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:02
S302	842	laser with diode with treatment	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:02
S303	29	laser with diode with treatment with S279	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:03

S304	34511	diode adj laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 10:08
S305	679	diode adj laser with arrangement	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 10:08
S306	23	diode adj laser with arrangement with S279	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 10:09
S307	37	("5073230" | "5206749" | "5559043" | "5821138" | "6127199" | "6143582").PN. OR ("6645830").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:51
S308	31854	(laser with beam with diode)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:52
S309	213	(laser with beam with diode with treat$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:53
S310	2477	(laser with beam with diode with (treat$4 irradiat$3))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:53
S311	2	(laser with composite with diode with treat$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:55
S312	150	(laser with composite with diode with arrang$5)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:55
S313	0	(laser with composite with diode with arrang$5) with irradiat$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:55
S314	10	(laser with composite with diode with arrang$5) with emit $4	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:56
S315	9	(laser with composite with diode with arrang$5) with (substrate wafer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:57
S316	9	(laser with composite with diode with arrang$5) same (substrate wafer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:57
S317	454	(excimer with diode with YAG)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:58
S318	164	(excimer with diode with YAG) adj laser	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:58
S319	729	(excimer and diode and YAG) adj laser	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 11:00
S320	338504	("438" "257").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 11:00

S321	137	S319 and S320	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 11:01
S322	8026967	(@ad>"20031203" @prad>"20031203" @rlad>"20031203")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 11:01
S323	729	(excimer and diode and YAG) adj laser	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 11:02
S324	338504	("438" "257").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 11:02
S325	137	S323 and S324	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 11:02
S326	53	S325 not S322	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 11:02
S327	9	("4567643" | "5438241" | "5793115" | "5953216" | "6002178" | "6018167" | "6301121").PN. OR ("7148127").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 11:05
S328	4	("5481082" "5500540" "6062461" "20020115234"). pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 09:06
S329	80	("4698662" | "4862231" | "5075253" | "5214845" | "5244818" | "5266794" | "5283447" | "5287001" | "5291064").PN. OR ("5500540").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/17 09:11
S330	3143381	(wafer substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 11:26
S331	3106270	(chip sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 11:26
S333	4356524	(circle ring round sphere)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 11:27
S334	42	receptacle same S330 same S331 same S333	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 11:27

S335	5094225	(cavity receptacle space)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 11:33
S336	264932	(cavity receptacle space) with S333	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 11:34
S337	3532	S336 with S331	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 11:34
S338	272	S336 with S331 with S330	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 11:34
S339	8058193	(@ad>"20031203" @prad>"20031203" @rlad>"20031203")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 11:37
S340	175	S338 not S339	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 11:37
S341	7	"6762072"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 12:37
S342	37	"5250469"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 12:51
S343	4210590	(transparent glass sapphire clear)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 13:04

S344	88	S338 and S343 not S339	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 13:04
S345	2	"20030146384"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 13:14
S346	5	"6844606"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 13:14

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